

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (FOR INTEL CORPORATION PATENT APPLICATIONS)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## CONTROLLING ACCESS TO MULTIPLE MEMORY ZONES IN AN ISOLATED EXECUTION ENVIRONMENT

the specification of which

☐ is attached hereto.  
☒ was filed on March 31, 2000 as  
 United States Application Number 09/618,489  
 or PCT International Application Number \_\_\_\_\_  
 and was amended on \_\_\_\_\_  
 (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

APPLICATION NUMBER	COUNTRY (OR INDICATE IF PCT)	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<input type="checkbox"/> No <input type="checkbox"/> Yes
			<input type="checkbox"/> No <input type="checkbox"/> Yes
			<input type="checkbox"/> No <input type="checkbox"/> Yes

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE
60/198,225	March 31, 2000

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (ISSUED, PENDING, ABANDONED)

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to:

Eric T. King, Reg. No. 44,188, BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, LLP

(Name of Attorney or Agent)

12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025 and direct telephone calls to:

Eric T. King, (714) 557-3800.

(Name of Attorney or Agent)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full Name of Sole/First Inventor** (given name, family name)

**Carl M. Ellison**

Inventor's Signature

Carl M. Ellison

Date

8/18/00

Residence Portland, Oregon USA

(City, State)

Citizenship USA

(Country)

P. O. Address 1818 N.W. 28th Avenue

Portland, Oregon 97210-2214 USA

**Full Name of Second/Joint Inventor** (given name, family name)

**Roger A. Golliver**

Inventor's Signature

*Roger A Golliver*

Date

*7/25/2000*

Residence Beaverton, Oregon USA

(City, State)

Citizenship USA

(Country)

P. O. Address 16185 SW Night Hawk Drive

Beaverton, Oregon 97007-8368 USA

**Full Name of Third/Joint Inventor** (given name, family name)

**Howard C. Herbert**

Inventor's Signature

Date

Residence Phoenix, Arizona USA

(City, State)

Citizenship USA

(Country)

P. O. Address 16817 South 1st Drive

Phoenix, Arizona 85045 USA

**Full Name of Fourth/Joint Inventor** (given name, family name)

**Derrick C. Lin**

Inventor's Signature

Date

Residence Foster City, California USA

(City, State)

Citizenship USA

(Country)

P. O. Address 113 Barkentine Street

Foster City, California 94404 USA

**Full Name of Fifth/Joint Inventor** (given name, family name)

**Francis X. McKeen**

Inventor's Signature

Date

Residence Portland, Oregon USA

(City, State)

Citizenship USA

(Country)

P. O. Address 10612 N. W. LeMans Ct.

Portland, Oregon 97229 USA

**Full Name of Second/Joint Inventor** (given name, family name)

**Roger A. Golliver**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Beaverton, Oregon USA  
(City, State)

Citizenship USA  
(Country)

P. O. Address 16185 SW Night Hawk Drive  
Beaverton, Oregon 97007-8368 USA

**Full Name of Third/Joint Inventor** (given name, family name)

**Howard C. Herbert**

Inventor's Signature Howard C. Herbert

Date 24 July 2000

Residence Phoenix, Arizona USA  
(City, State)

Citizenship USA  
(Country)

P. O. Address 16817 South 1st Drive  
Phoenix, Arizona 85045 USA

**Full Name of Fourth/Joint Inventor** (given name, family name)

**Derrick C. Lin**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Foster City, California USA  
(City, State)

Citizenship USA  
(Country)

P. O. Address 113 Barkentine Street  
Foster City, California 94404 USA

**Full Name of Fifth/Joint Inventor** (given name, family name)

**Francis X. McKeen**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Portland, Oregon USA  
(City, State)

Citizenship USA  
(Country)

P. O. Address 10612 N. W. LeMans Ct.  
Portland, Oregon 97229 USA

**Full Name of Second/Joint Inventor** (given name, family name)

**Roger A. Golliver**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Beaverton, Oregon USA

(City, State)

Citizenship USA

(Country)

P. O. Address 16185 SW Night Hawk Drive

Beaverton, Oregon 97007-8368 USA

**Full Name of Third/Joint Inventor** (given name, family name)

**Howard C. Herbert**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Phoenix, Arizona USA

(City, State)

Citizenship USA

(Country)

P. O. Address 16817 South 1st Drive

Phoenix, Arizona 85045 USA

**Full Name of Fourth/Joint Inventor** (given name, family name)

**Derrick C. Lin**

Inventor's Signature  \_\_\_\_\_

Date 8/31/02

Residence San Mateo, California USA

(City, State)

Citizenship USA

(Country)

P. O. Address 1737 Oakwood Drive

San Mateo, California 94404 USA

**Full Name of Fifth/Joint Inventor** (given name, family name)

**Francis X. McKeen**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Portland, Oregon USA

(City, State)

Citizenship USA

(Country)

P. O. Address 10612 N. W. LeMans Ct.

Portland, Oregon 97229 USA

**Full Name of Second/Joint Inventor** (given name, family name)

**Roger A. Golliver**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Beaverton, Oregon USA  
(City, State)

Citizenship USA  
(Country)

P. O. Address 16185 SW Night Hawk Drive  
Beaverton, Oregon 97007-8368 USA

**Full Name of Third/Joint Inventor** (given name, family name)

**Howard C. Herbert**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Phoenix, Arizona USA  
(City, State)

Citizenship USA  
(Country)

P. O. Address 16817 South 1st Drive  
Phoenix, Arizona 85045 USA

**Full Name of Fourth/Joint Inventor** (given name, family name)

**Derrick C. Lin**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Foster City, California USA  
(City, State)

Citizenship USA  
(Country)

P. O. Address 113 Barkentine Street  
Foster City, California 94404 USA

**Full Name of Fifth/Joint Inventor** (given name, family name)

**Francis X. McKeen**

Inventor's Signature Francis X. McKeen

Date 8/3/00

Residence Portland, Oregon USA  
(City, State)

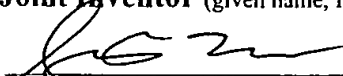
Citizenship USA  
(Country)

P. O. Address 10612 N. W. LeMans Ct.  
Portland, Oregon 97229 USA

**Full Name of Sixth/Joint Inventor** (given name, family name)

**Gilbert Neiger**

Inventor's Signature



Date

7/21/2000

Residence Portland, Oregon USA

(City, State)

Citizenship USA

(Country)

P. O. Address 2424 N. E. 11th Avenue

Portland, Oregon 97212 USA

**Full Name of Seventh/Joint Inventor** (given name, family name)

**Ken Reneris**

Inventor's Signature

Date

Residence Wilbraham, Massachusetts USA

(City, State)

Citizenship USA

(Country)

P. O. Address 8 Red Gap Road

Wilbraham, Massachusetts 01095 USA

**Full Name of Eighth/Joint Inventor** (given name, family name)

**James A. Sutton**

Inventor's Signature

Date

Residence Portland, Oregon USA

(City, State)

Citizenship USA

(Country)

P. O. Address 20205 N. W. Paulina Drive

Portland, Oregon 97229 USA

**Full Name of Ninth/Joint Inventor** (given name, family name)

**Shreekant S. Thakkar**

Inventor's Signature

Date

Residence Portland, Oregon USA

(City, State)

Citizenship United Kingdom

(Country)

P. O. Address 150 SW Moonridge Place

Portland, Oregon 97225 USA

**Full Name of Sixth/Joint Inventor** (given name, family name)

**Gilbert Neiger**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

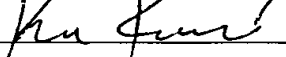
Residence Portland, Oregon USA  
(City, State)

Citizenship USA  
(Country)

P. O. Address 2424 N. E. 11th Avenue  
Portland, Oregon 97212 USA

**Full Name of Seventh/Joint Inventor** (given name, family name)

**Ken Reneris**

Inventor's Signature 

Date 5/3/2000

Residence Wilbraham, Massachusetts USA  
(City, State)

Citizenship USA  
(Country)

P. O. Address 8 Red Gap Road  
Wilbraham, Massachusetts 01095 USA

**Full Name of Eighth/Joint Inventor** (given name, family name)

**James A. Sutton**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Portland, Oregon USA  
(City, State)

Citizenship USA  
(Country)

P. O. Address 20205 N. W. Paulina Drive  
Portland, Oregon 97229 USA

**Full Name of Ninth/Joint Inventor** (given name, family name)

**Shreekant S. Thakkar**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Portland, Oregon USA  
(City, State)

Citizenship United Kingdom  
(Country)

P. O. Address 150 SW Moonridge Place  
Portland, Oregon 97225 USA



**Full Name of Sixth/Joint Inventor** (given name, family name)

**Gilbert Neiger**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Portland, Oregon USA

(City, State)

Citizenship USA

(Country)

P. O. Address 2424 N. E. 11th Avenue

Portland, Oregon 97212 USA

**Full Name of Seventh/Joint Inventor** (given name, family name)

**Ken Reneris**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Wilbraham, Massachusetts USA

(City, State)

Citizenship USA

(Country)

P. O. Address 8 Red Gap Road

Wilbraham, Massachusetts 01095 USA

**Full Name of Eighth/Joint Inventor** (given name, family name)

**James A. Sutton**

Inventor's Signature 

Date 7-24-2000

Residence Portland, Oregon USA

(City, State)

Citizenship USA

(Country)

P. O. Address 20205 N. W. Paulina Drive

Portland, Oregon 97229 USA

**Full Name of Ninth/Joint Inventor** (given name, family name)

**Shreekant S. Thakkar**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Portland, Oregon USA

(City, State)

Citizenship United Kingdom

(Country)

P. O. Address 150 SW Moonridge Place

Portland, Oregon 97225 USA

**Full Name of Sixth/Joint Inventor** (given name, family name)

**Gilbert Neiger**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Portland, Oregon USA

(City, State)

Citizenship USA

(Country)

P. O. Address 2424 N. E. 11th Avenue

Portland, Oregon 97212 USA

**Full Name of Seventh/Joint Inventor** (given name, family name)

**Ken Reneris**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Wilbraham, Massachusetts USA

(City, State)

Citizenship USA

(Country)

P. O. Address 8 Red Gap Road

Wilbraham, Massachusetts 01095 USA

**Full Name of Eighth/Joint Inventor** (given name, family name)

**James A. Sutton**

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Portland, Oregon USA

(City, State)

Citizenship USA

(Country)

P. O. Address 20205 N. W. Paulina Drive

Portland, Oregon 97229 USA

**Full Name of Ninth/Joint Inventor** (given name, family name)

**Shreekant S. Thakkar**

Inventor's Signature SS Thakkar

Date 8/8/00

Residence Portland, Oregon USA

(City, State)

Citizenship United Kingdom

(Country)

P. O. Address 150 SW Moonridge Place

Portland, Oregon 97225 USA

**Full Name of Tenth/Joint Inventor** (given name, family name)

**Millind Mittal**

Inventor's Signature



Date

9/12/00

Residence Palo Alto, CA USA

(City, State)

Citizenship USA

(Country)

P. O. Address 800 E. Charleston Road #29

Palo Alto, CA 94303 USA

**Full Name of Eleventh/Joint Inventor** (given name, family name)

Inventor's Signature

Date

Residence

(City, State)

Citizenship

(Country)

P. O. Address

## APPENDIX A

I hereby appoint BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, a firm including: William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Berezna, Reg. No. 33,474; Michael A. Bernadacou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Andrew C. Chen, Reg. No. 43,544; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. P46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. P46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; George Fountain, Reg. No. 36,374; Paramita Ghosh, Reg. No. 42,806; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Willmore F. Holbrow III, Reg. No. P41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W. Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Erica W. Kuo, Reg. No. 42,775; George B. Leavell, Reg. No. 45,436; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Kurt P. Leyendecker, Reg. No. 42,799; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C.F.R. § 10.9(b); Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Dennis A. Nicholls, Reg. No. 42,036; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Marina Portnova, Reg. No. P45,750; William F. Ryann, Reg. No. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey Sam Smith, Reg. No. 39,377; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Vincent P. Tassinari, Reg. No. 42,179; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Joseph A. Twarowski, Reg. No. 42,191; Thomas A. Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. P46,322; Thomas C. Webster, Reg. No. P46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Firasat Ali, Reg. No. 45,715; and Justin M. Dillon, Reg. No. 42,486; my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (714) 557-3800, and Alan K. Aldous, Reg. No. 31,905; Robert D. Anderson, Reg. No. 33,826; Joseph R. Bond, Reg. No. 36,458; Richard C. Calderwood, Reg. No. 35,468; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg. No. 39,973; Sean Fitzgerald, Reg. No. 32,027; John N. Greaves, Reg. No. 40,362; Seth Z. Kalson, Reg. No. 40,670; David J. Kaplan, Reg. No. 41,105; Charles A. Mirho, Reg. No. 41,199; Leo V. Novakoski, Reg. No. 37,198; Naomi Obinata, Reg. No. 39,320; Thomas C. Reynolds, Reg. No. 32,488; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Steven C. Stewart, Reg. No. 33,555; Raymond J. Werner, Reg. No. 34,752; Robert G. Winkle, Reg. No. 37,474; and Charles K. Young, Reg. No. 39,435; my patent attorneys, and Thomas Raleigh Lane, Reg. No. 42,781; Calvin E. Wells, Reg. No. P43,256; Peter Lam, Reg. No. 44,855; Gene I. Su, Reg. No. 45,140; and Steven D. Yates, Reg. No. 42,242, my patent agents, of INTEL CORPORATION; and James R. Thein, Reg. No. 31,710, my patent attorney; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.